

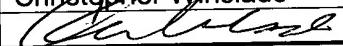
Please type a plus sign (+) in this box

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

22386 U.S.P.T.O.
10/658734
09/09/03



UTILITY PATENT APPLICATION TRANSMITTAL		Attorney Docket No. 14183US02 First Inventor Ed Frank Title Method And System For Optimal Load Balancing In A Hybrid Wired/Wireless Network Express Mail Label No. EV 331534895 US				
APPLICATION ELEMENTS		Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Washington, DC 22313-1450				
See MPEP chapter 600 concerning utility patent application contents.		ADDRESS TO: 7. <input type="checkbox"/> CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies				
ACCOMPANYING APPLICATION PARTS						
9. <input type="checkbox"/> Assignment Papers (cover sheet & documents(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of (when there is an assignee) Attorney 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122(b) (2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input type="checkbox"/> Other: _____						
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.:						
Prior application information:		Examiner:	Group/Art Unit:			
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.						
18. CORRESPONDENCE ADDRESS						
<input checked="" type="checkbox"/> Customer Number		23446 <input type="checkbox"/> Correspondence address below				
Name		Christopher Winslade				
Address		McAndrews, Held & Malloy 500 West Madison, Suite 3400				
City		Chicago	State	IL	Zip Code	60661
Country		USA	Telephone	(312) 775-8000	Fax	(312) 775-8100

Name (Print/type)	Christopher Winslade	Registration No. (Attorney/Agent)	36,308
Signature			

02527 U.S. PTO
0/60/60

PTO/SB/17 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003

Patent Fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$858.00)

Complete if Known

Application Number	Unassigned
Filing Date	Herewith
First Named Inventor	Ed Frank
Examiner Name	Unassigned
Group Art Unit	Unassigned
Attorney Docket No.	14183US02

METHOD OF PAYMENT				FEES CALCULATION (continued)																																																																																																																																																																																																																		
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number: 13-0017 Deposit Account Name: McAndrews, Held & Malloy</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>				<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>130</td> <td>2051</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> </tr> <tr> <td>1053</td> <td>130</td> <td>1053</td> <td>130</td> <td>Non-English specification</td> </tr> <tr> <td>1812</td> <td>2,520</td> <td>1812</td> <td>2,520</td> <td>For filing a request for ex parte reexamination</td> </tr> <tr> <td>1804</td> <td>920*</td> <td>1804</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> </tr> <tr> <td>1805</td> <td>1,840*</td> <td>1805</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> </tr> <tr> <td>1251</td> <td>110</td> <td>2251</td> <td>55</td> <td>Extension for reply within first month</td> </tr> <tr> <td>1252</td> <td>400</td> <td>2252</td> <td>200</td> <td>Extension for reply within second month</td> </tr> <tr> <td>1253</td> <td>920</td> <td>2253</td> <td>460</td> <td>Extension for reply within third month</td> </tr> <tr> <td>1254</td> <td>1,440</td> <td>2254</td> <td>720</td> <td>Extension for reply within fourth month</td> </tr> <tr> <td>1255</td> <td>1,960</td> <td>2255</td> <td>980</td> <td>Extension for reply within fifth month</td> </tr> <tr> <td>1401</td> <td>320</td> <td>2401</td> <td>160</td> <td>Notice of Appeal</td> </tr> <tr> <td>1402</td> <td>320</td> <td>2402</td> <td>160</td> <td>Filing a brief in support of an appeal</td> </tr> <tr> <td>1403</td> <td>280</td> <td>2403</td> <td>140</td> <td>Request for oral hearing</td> </tr> <tr> <td>1451</td> <td>1,510</td> <td>1451</td> <td>1510</td> <td>Petition to institute a public use proceeding</td> </tr> <tr> <td>1452</td> <td>110</td> <td>2452</td> <td>55</td> <td>Petition to revive - unavoidable</td> </tr> <tr> <td>1453</td> <td>1,280</td> <td>2453</td> <td>640</td> <td>Petition to revive - unintentional</td> </tr> <tr> <td>1501</td> <td>1,280</td> <td>2501</td> <td>640</td> <td>Utility issue fee (or reissue)</td> </tr> <tr> <td>1502</td> <td>460</td> <td>2502</td> <td>230</td> <td>Design issue fee</td> </tr> <tr> <td>1503</td> <td>620</td> <td>2503</td> <td>310</td> <td>Plant issue fee</td> </tr> <tr> <td>1460</td> <td>130</td> <td>1460</td> <td>130</td> <td>Petitions to the Commissioner</td> </tr> <tr> <td>1807</td> <td>50</td> <td>1807</td> <td>50</td> <td>Processing fee under 37 CFR 1.17(q)</td> </tr> <tr> <td>1806</td> <td>180</td> <td>1806</td> <td>180</td> <td>Submission of Information Disclosure Stmt</td> </tr> <tr> <td>8021</td> <td>40</td> <td>8021</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> </tr> <tr> <td>1809</td> <td>740</td> <td>2809</td> <td>370</td> <td>Filing a submission after final rejection (37 CFR § 1.129(a))</td> </tr> <tr> <td>1810</td> <td>740</td> <td>2810</td> <td>370</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> </tr> <tr> <td>1801</td> <td>740</td> <td>2801</td> <td>370</td> <td>Request for Continued Examination (RCE)</td> </tr> <tr> <td>1802</td> <td>900</td> <td>1802</td> <td>900</td> <td>Request for expedited examination of a design application</td> </tr> <tr> <td colspan="4">Other fee (specify) -----</td> </tr> <tr> <td colspan="4">SUBTOTAL (1) (\$750.00)</td> </tr> <tr> <td colspan="4"> <p>2. EXTRA CLAIM FEES</p> <table border="1"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>26 - 20** =</td> <td>6 x</td> <td>18.00 =</td> <td>108.00</td> </tr> <tr> <td>Independent Claims</td> <td>8 - 3** =</td> <td>0 x</td> <td>0</td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td>0 =</td> <td>0</td> </tr> </tbody> </table> </td> </tr> <tr> <td colspan="4"> <p>Large Entity Small Entity</p> <table border="1"> <thead> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr> <td>1202 18</td> <td>2202 9</td> <td>Claims in excess of 20</td> </tr> <tr> <td>1201 84</td> <td>2201 42</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>1203 280</td> <td>2203 140</td> <td>Multiple dependent claim, if not paid</td> </tr> <tr> <td>1204 84</td> <td>2204 42</td> <td>**Reissue independent claims over original patent</td> </tr> <tr> <td>1205 18</td> <td>2205 9</td> <td>**Reissue claims in excess of 20 and over original patent</td> </tr> </tbody> </table> </td> </tr> <tr> <td colspan="4">SUBTOTAL (2) (\$108.00)</td> </tr> <tr> <td colspan="4">*Reduced by Basic Filing Fee Paid</td> </tr> <tr> <td colspan="4">SUBTOTAL (3) (\$)</td> </tr> </tbody> </table>				Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	1051	130	2051	65	Surcharge - late filing fee or oath	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	1053	130	1053	130	Non-English specification	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	1251	110	2251	55	Extension for reply within first month	1252	400	2252	200	Extension for reply within second month	1253	920	2253	460	Extension for reply within third month	1254	1,440	2254	720	Extension for reply within fourth month	1255	1,960	2255	980	Extension for reply within fifth month	1401	320	2401	160	Notice of Appeal	1402	320	2402	160	Filing a brief in support of an appeal	1403	280	2403	140	Request for oral hearing	1451	1,510	1451	1510	Petition to institute a public use proceeding	1452	110	2452	55	Petition to revive - unavoidable	1453	1,280	2453	640	Petition to revive - unintentional	1501	1,280	2501	640	Utility issue fee (or reissue)	1502	460	2502	230	Design issue fee	1503	620	2503	310	Plant issue fee	1460	130	1460	130	Petitions to the Commissioner	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	1806	180	1806	180	Submission of Information Disclosure Stmt	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	1809	740	2809	370	Filing a submission after final rejection (37 CFR § 1.129(a))	1810	740	2810	370	For each additional invention to be examined (37 CFR 1.129(b))	1801	740	2801	370	Request for Continued Examination (RCE)	1802	900	1802	900	Request for expedited examination of a design application	Other fee (specify) -----				SUBTOTAL (1) (\$750.00)				<p>2. EXTRA CLAIM FEES</p> <table border="1"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>26 - 20** =</td> <td>6 x</td> <td>18.00 =</td> <td>108.00</td> </tr> <tr> <td>Independent Claims</td> <td>8 - 3** =</td> <td>0 x</td> <td>0</td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td>0 =</td> <td>0</td> </tr> </tbody> </table>				Total Claims	Extra Claims	Fee from below	Fee Paid	26 - 20** =	6 x	18.00 =	108.00	Independent Claims	8 - 3** =	0 x	0	Multiple Dependent		0 =	0	<p>Large Entity Small Entity</p> <table border="1"> <thead> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr> <td>1202 18</td> <td>2202 9</td> <td>Claims in excess of 20</td> </tr> <tr> <td>1201 84</td> <td>2201 42</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>1203 280</td> <td>2203 140</td> <td>Multiple dependent claim, if not paid</td> </tr> <tr> <td>1204 84</td> <td>2204 42</td> <td>**Reissue independent claims over original patent</td> </tr> <tr> <td>1205 18</td> <td>2205 9</td> <td>**Reissue claims in excess of 20 and over original patent</td> </tr> </tbody> </table>				Fee Code (\$)	Fee Code (\$)	Fee Description	1202 18	2202 9	Claims in excess of 20	1201 84	2201 42	Independent claims in excess of 3	1203 280	2203 140	Multiple dependent claim, if not paid	1204 84	2204 42	**Reissue independent claims over original patent	1205 18	2205 9	**Reissue claims in excess of 20 and over original patent	SUBTOTAL (2) (\$108.00)				*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$)			
Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																		
1051	130	2051	65	Surcharge - late filing fee or oath																																																																																																																																																																																																																		
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																																		
1053	130	1053	130	Non-English specification																																																																																																																																																																																																																		
1812	2,520	1812	2,520	For filing a request for ex parte reexamination																																																																																																																																																																																																																		
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																		
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																		
1251	110	2251	55	Extension for reply within first month																																																																																																																																																																																																																		
1252	400	2252	200	Extension for reply within second month																																																																																																																																																																																																																		
1253	920	2253	460	Extension for reply within third month																																																																																																																																																																																																																		
1254	1,440	2254	720	Extension for reply within fourth month																																																																																																																																																																																																																		
1255	1,960	2255	980	Extension for reply within fifth month																																																																																																																																																																																																																		
1401	320	2401	160	Notice of Appeal																																																																																																																																																																																																																		
1402	320	2402	160	Filing a brief in support of an appeal																																																																																																																																																																																																																		
1403	280	2403	140	Request for oral hearing																																																																																																																																																																																																																		
1451	1,510	1451	1510	Petition to institute a public use proceeding																																																																																																																																																																																																																		
1452	110	2452	55	Petition to revive - unavoidable																																																																																																																																																																																																																		
1453	1,280	2453	640	Petition to revive - unintentional																																																																																																																																																																																																																		
1501	1,280	2501	640	Utility issue fee (or reissue)																																																																																																																																																																																																																		
1502	460	2502	230	Design issue fee																																																																																																																																																																																																																		
1503	620	2503	310	Plant issue fee																																																																																																																																																																																																																		
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																																																																		
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																																																		
1806	180	1806	180	Submission of Information Disclosure Stmt																																																																																																																																																																																																																		
8021	40	8021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																		
1809	740	2809	370	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																																																		
1810	740	2810	370	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																																		
1801	740	2801	370	Request for Continued Examination (RCE)																																																																																																																																																																																																																		
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																																																		
Other fee (specify) -----																																																																																																																																																																																																																						
SUBTOTAL (1) (\$750.00)																																																																																																																																																																																																																						
<p>2. EXTRA CLAIM FEES</p> <table border="1"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>26 - 20** =</td> <td>6 x</td> <td>18.00 =</td> <td>108.00</td> </tr> <tr> <td>Independent Claims</td> <td>8 - 3** =</td> <td>0 x</td> <td>0</td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td>0 =</td> <td>0</td> </tr> </tbody> </table>				Total Claims	Extra Claims	Fee from below	Fee Paid	26 - 20** =	6 x	18.00 =	108.00	Independent Claims	8 - 3** =	0 x	0	Multiple Dependent		0 =	0																																																																																																																																																																																																			
Total Claims	Extra Claims	Fee from below	Fee Paid																																																																																																																																																																																																																			
26 - 20** =	6 x	18.00 =	108.00																																																																																																																																																																																																																			
Independent Claims	8 - 3** =	0 x	0																																																																																																																																																																																																																			
Multiple Dependent		0 =	0																																																																																																																																																																																																																			
<p>Large Entity Small Entity</p> <table border="1"> <thead> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr> <td>1202 18</td> <td>2202 9</td> <td>Claims in excess of 20</td> </tr> <tr> <td>1201 84</td> <td>2201 42</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>1203 280</td> <td>2203 140</td> <td>Multiple dependent claim, if not paid</td> </tr> <tr> <td>1204 84</td> <td>2204 42</td> <td>**Reissue independent claims over original patent</td> </tr> <tr> <td>1205 18</td> <td>2205 9</td> <td>**Reissue claims in excess of 20 and over original patent</td> </tr> </tbody> </table>				Fee Code (\$)	Fee Code (\$)	Fee Description	1202 18	2202 9	Claims in excess of 20	1201 84	2201 42	Independent claims in excess of 3	1203 280	2203 140	Multiple dependent claim, if not paid	1204 84	2204 42	**Reissue independent claims over original patent	1205 18	2205 9	**Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																	
Fee Code (\$)	Fee Code (\$)	Fee Description																																																																																																																																																																																																																				
1202 18	2202 9	Claims in excess of 20																																																																																																																																																																																																																				
1201 84	2201 42	Independent claims in excess of 3																																																																																																																																																																																																																				
1203 280	2203 140	Multiple dependent claim, if not paid																																																																																																																																																																																																																				
1204 84	2204 42	**Reissue independent claims over original patent																																																																																																																																																																																																																				
1205 18	2205 9	**Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																				
SUBTOTAL (2) (\$108.00)																																																																																																																																																																																																																						
*Reduced by Basic Filing Fee Paid																																																																																																																																																																																																																						
SUBTOTAL (3) (\$)																																																																																																																																																																																																																						

**or number previously paid, if greater; For Reissues, see above

Complete (if applicable)

SUBMITTED BY					
Name (Print/Type)	Christopher Winslade	Registration No. (Attorney or Agent)	36,308	Telephone	(312) 775-8000
Signature			Date	September 9, 2003	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.